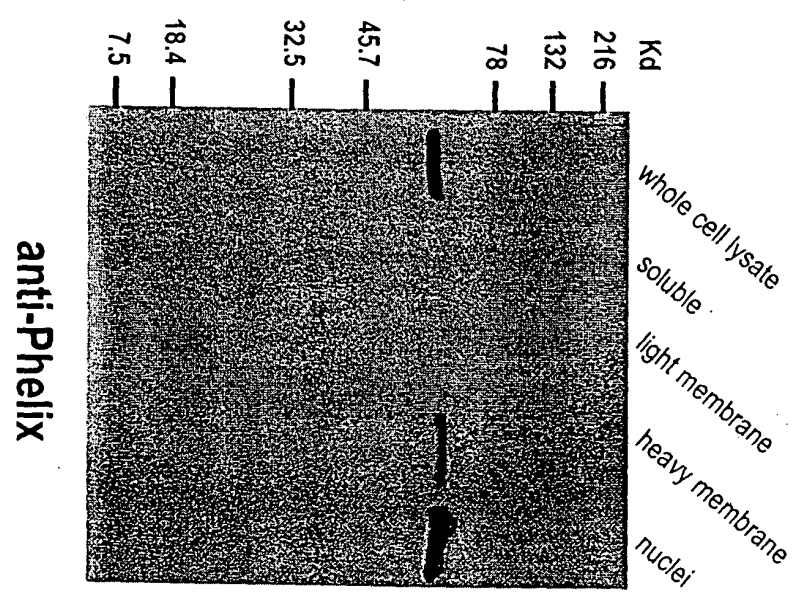


anti-HIS



anti-PheIix

FIG. 9

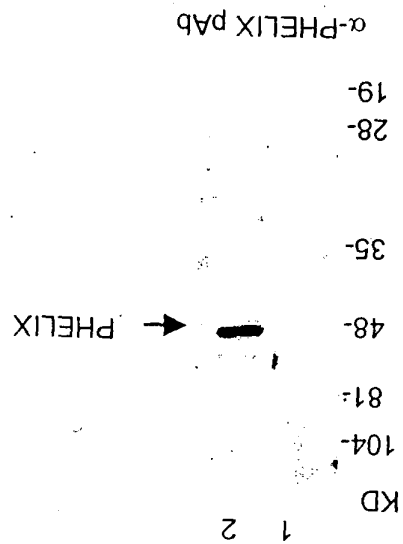
Title: PHELIIX: A TESTIS-SPECIFIC PROTEIN EXPRESSED IN
 CANCER
 First Inventor: Daniel E. H. AFAR, *et al.*
 Application No.: 09/389,000
 Docket No.: 511582002700
 11/11





Title: PHELIX: A TESTIS-SPECIFIC PROTEIN EXPRESSED IN
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First Inventor: Daniel E. H. AFAR, et al.
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Lanes:

1. 293T cells transfected with pcDNA3.1
2. 293T cells transfected with PHELIX-mycHis

FIG. 8



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30x

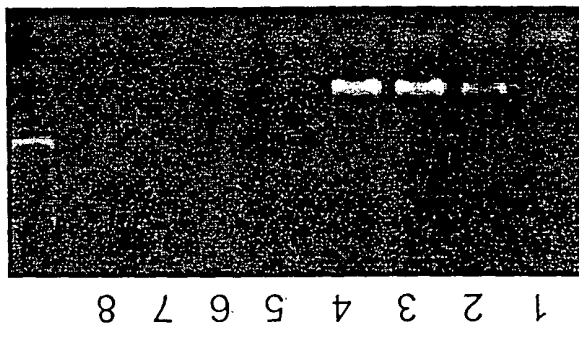


FIG. 7A

30x

35x

1 2 3 4 5 6 7 8 1 2 3 4 5 6 7 8

FIG. 7B



FIG. 7C

Panels:

A

1. Brain
2. Prostate
3. LAPC-4 AD
4. LAPC-4 AI
5. LAPC-9 AD
6. HeLa
7. Murine cDNA
8. Neg. control

B

1. Brain
2. Heart
3. Kidney
4. Liver
5. Lung
6. Pancreas
7. Placenta
8. Skeletal Muscle

C

1. Colon
2. Ovary
3. Leukocytes
4. Prostate
5. Small Intestine
6. Spleen
7. Testis
8. Thymus



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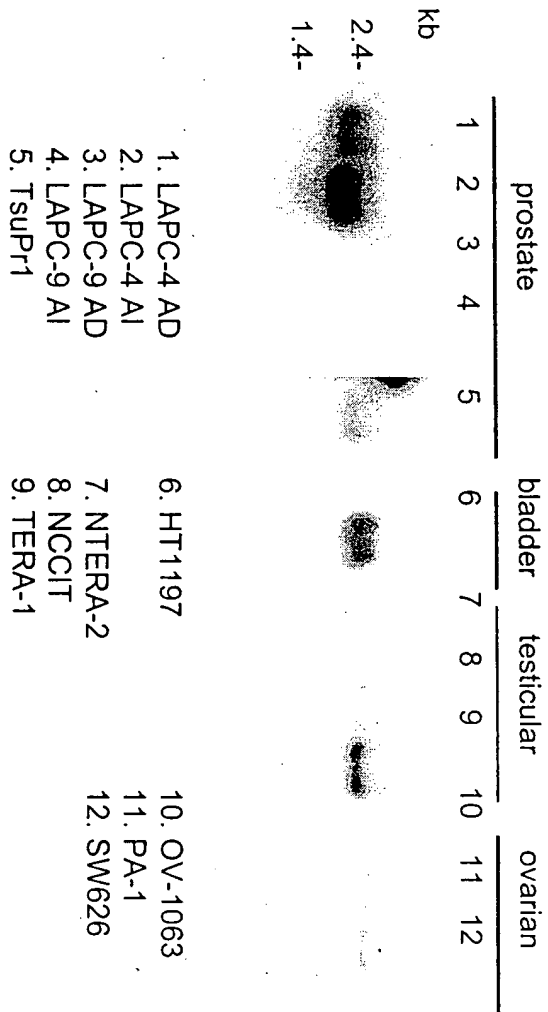
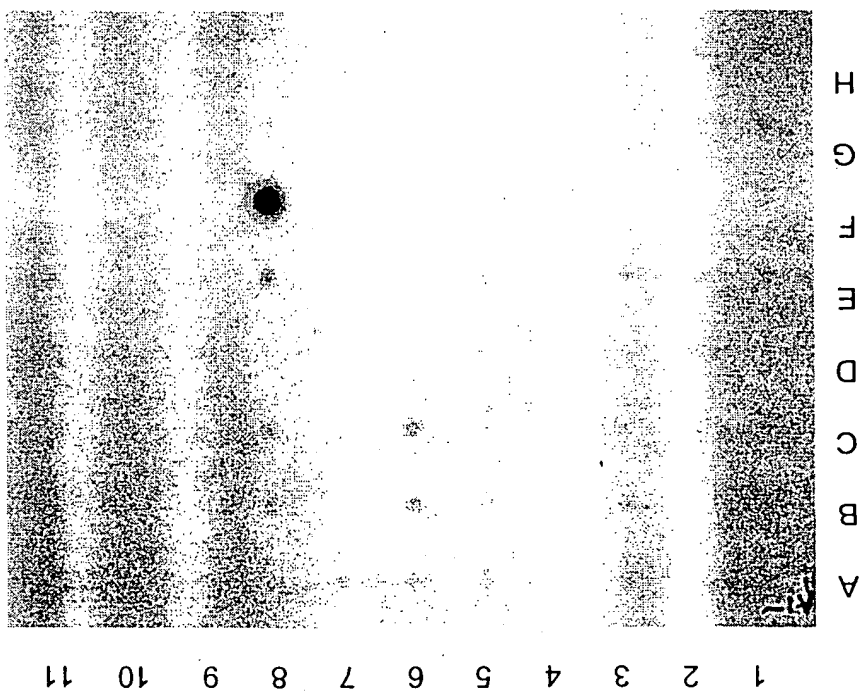


FIG. 6



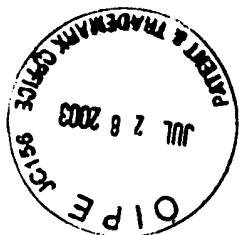
Title: PHELIX: A TESTIS-SPECIFIC PROTEIN EXPRESSED IN
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First Inventor: Daniel E. H. AFAR, et al.
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Docket No.: 511582002700

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- | | | | |
|----------------------|----------------------|----------------------------|-----------------------|
| A1 whole brain | B1 cerebral cortex | C1 frontal lobe | D1 parietal lobe |
| A2 cerebellum, left | B2 cerebellum, right | C2 corpus callosum | D2 amygdala |
| A3 substantia nigra | B3 accumbens nucleus | C3 thalamus | D3 pituitary gland |
| A4 heart | B4 aorta | C4 atrium, left | D4 atrium, right |
| A5 esophagus | B5 stomach | C5 duodenum | D5 jejunum |
| A6 colon, transverse | B6 colon, descending | C6 rectum | D6 - |
| A7 kidney | B7 skeletal muscle | C7 spleen | D7 thymus |
| A8 lung | B8 placenta | C8 bladder | D8 uterus |
| A9 liver | B9 pancreas | C9 adrenal gland | D9 thyroid gland |
| A10 HL60, leukemia | B10 HeLa, S3 | C10 K562, leukemia | D10 MOLT-4, leukemia |
| A11 fetal brain | B11 fetal heart | C11 fetal kidney | D11 fetal liver |
| E1 occipital lobe | F1 temporal lobe | G1 paracentral gyrus | H1 pons |
| E2 caudate nucleus | F2 hippocampus | G2 medulla oblongata | H2 putamen |
| E3 spinal cord | F3 - | G3 - | H3 - |
| E4 ventricle, left | F4 ventricle, right | G4 interventricular septum | H4 apex of the heart |
| E5 ileum | F5 ilocecum | G5 appendix | H5 colon, ascending |
| E6 - | F6 - | G6 - | H6 - |
| E7 leukocytes | F7 lymph node | G7 bone marrow | H7 trachea |
| E8 prostate | F8 testis | G8 ovary | H8 - |
| E9 salivary gland | F9 mammary gland | G9 - | H9 - |
| E10 RAJI, lymphoma | F10 DAUDI, lymphoma | G10 SW480, colon cancer | H10 A549, lung cancer |
| E11 fetal spleen | F11 fetal thymus | G11 fetal lung | H11 - |

FIG. 5



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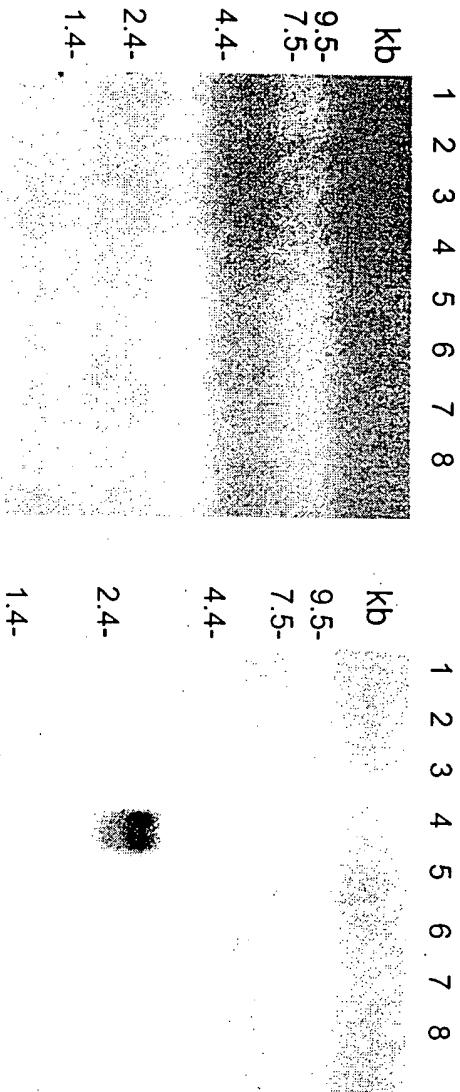


FIG. 4A

FIG. 4B